

Partnering Opportunities in 4x



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Potential Focused Outer Planet Flagship Mission

**Submitted
8/07**



**Down-selected
12/07**



Key 2008 Milestones

Initial Instrument Workshop.....June 3-5, 2008
Initial Report due to HQ.....Aug. 4, 2008
Site Visit.....Sept. 9,11, 2008
Final Report.....Oct. 22, 2008
Final down-selectNov. 21, 2008

To be down-selected ~Nov. 2008

**Titan Saturn System
OR
Europa Jupiter System
Mission**

**NASA-portion would be
the an orbiter**

Key Aspects

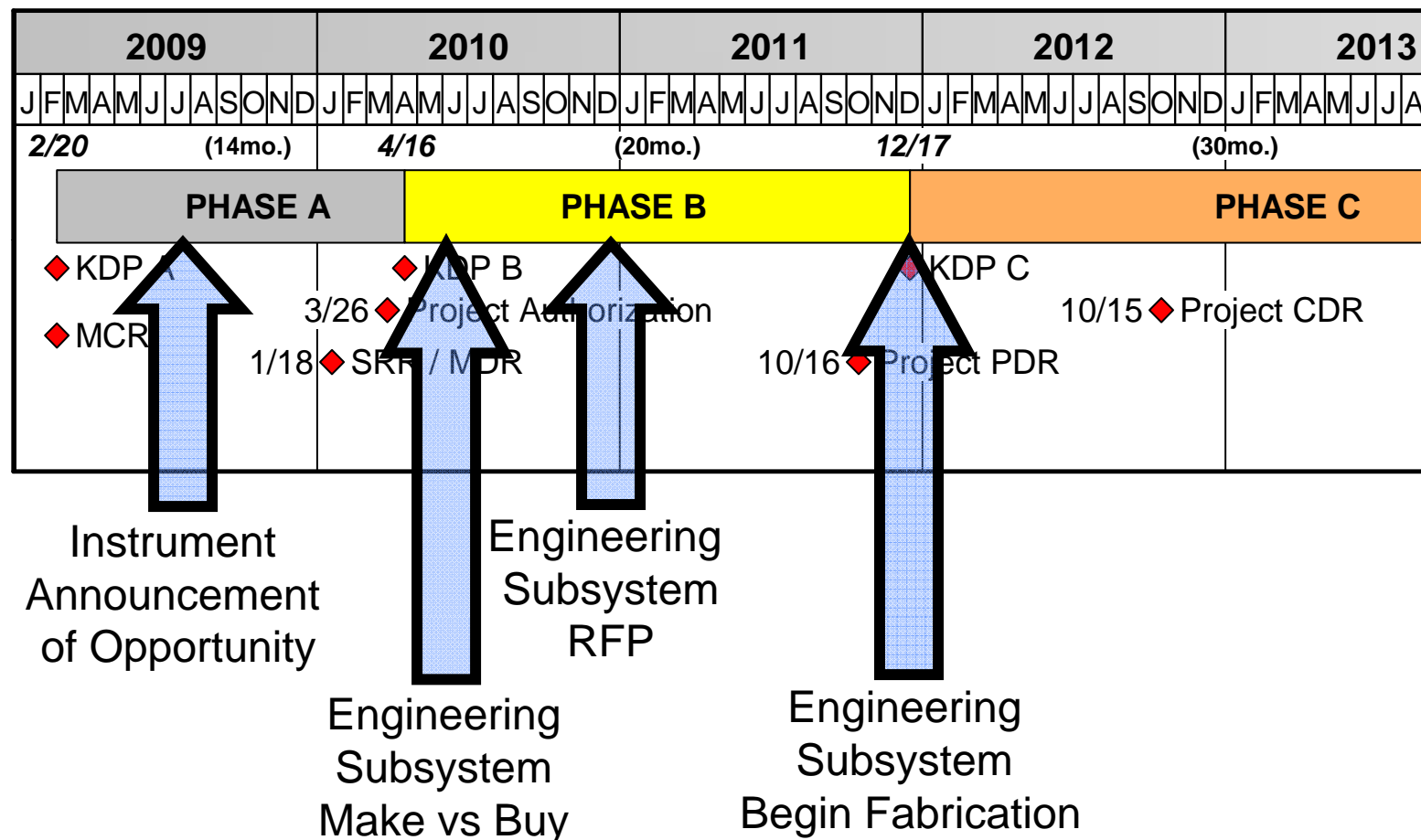
- International cooperation is highly likely necessity for these potential missions (e.g., Cassini-Huygens mission).
 - Mission concepts include contributions from multiple international partners: NASA, ESA, JAXA, Roscosmos
- JPL leading effort with key contributions from APL and other NASA centers
- Per President's FY09 budget, funding for NASA mission begins in FY09, requiring:
 - Instrument AO release in 2009
 - Proposed launch in 2016-2017

Potential Outer Planets Flagship Mission: <http://opfm.jpl.nasa.gov> 2

Potential Focused Outer Planets Flagship Mission

Industry Opportunities - NASA led portion

Implementation mode would be in-house, Cassini-mode with procurements at the subsystem and assembly levels



Very Tentative Schedule for development of Proposed Focused Outer Planets Flagship

For Planning and Discussion Purposes Only